What is claimed is:

1. A soft tissue implant material comprising biologically-compatible polymeric particles having intraparticulate pores, said pores having dimensions effective to permit soft tissue to grow therein.

2. Implant material of claim 1 wherein said particles have a diameter of up to about 500 microns.

3. Implant material of claim 2 wherein said particles have a diameter of about 50 to about 200 microns.

4. Implant material of claim 1 wherein said particles have interstices therebetween, said interstices having dimensions effective to permit soft tissue to grow therein.

5. Implant material of claim 1 wherein said pores comprise between about zero and about 60 percent of said implant material.

6. Implant material of claim 5 wherein said pores comprise between about 40 and about 60 percent of said implant material.

7. Implant material of claim 1 wherein said pores have a size of less than about 100 microns.

8. Implant material of claim 7 wherein said pores have a size of between about 50 and about 100 microns.

Sub. a2) C1 9. ~~Implant material of claim 1 further comprising collagen.~~

10. Implant material of claim 9 wherein said collagen comprises between about 30% and about 65% of said implant material by volume.

11. Implant material of claim 10 wherein said collagen comprises about 50% of said implant material by volume.

12. Implant material of claim 9 wherein said collagen comprises injectable collagen.

Sub. a3) C1 13. Implant material of claim 1 wherein said particles have an inner core comprised of a ~~first~~ biologically-compatible polymeric material and an outer layer generally surrounding said inner core, said outer coating comprised of a second biologically-compatible polymeric material, said second polymeric material being hydrophilic and having a composition different from the composition of said first polymeric material.

14. Implant material of claim 13 wherein said first polymeric material is an acrylic polymer.

15. Implant material of claim 14 wherein said first polymeric material is polymethylmethacrylate.

16. Implant material of claim 13 wherein said second polymeric material is a polymeric hydroxyethylmethacrylate.

17. Implant material of claim 16 wherein said polymeric hydroxyethylmethacrylate comprises a copolymer of monomeric hydroxyethylmethacrylate and a cross-linking agent.

Sub. C1 C4

~~18. Implant material of claim 1 further comprising at least one bioactive substance.~~

19. Implant material of claim 18 wherein said at least one bioactive substance is grafted to said biologically-compatible particles.

Sub. C1 C5

~~20. Implant material of claim 13 further comprising a coating of calcium hydroxide on said outer layer.~~

Sub. C1

21. A method of augmenting soft tissue comprising:

a. providing a biologically-compatible implant material comprised of biologically compatible polymeric particles; and

b. implanting said implant material within soft tissue.

22. Method of claim 21 wherein said implanting step includes the step of injecting said implant material.

23. Method of claim 22 wherein said injecting step includes injecting said implant material subcutaneously into an area having a soft tissue contour defect in an amount sufficient to at least partially remove said defect.

24. Method of claim 23 wherein said soft tissue contour defect comprises wrinkles.

25. Method of claim 23 wherein said soft tissue contour defect includes gingival soft tissue defects in the mouth.

26. Method of claim 22 wherein said injecting step includes injecting said material into the sphincter surrounding the urethra in an amount sufficient to at least partially constrict said urethra.

27. Method of claim 26 wherein said injecting step includes injecting between about 2 cc and about 4 cc of said implant material.

28. Method of claim 21 wherein said particles have a diameter of up to about 500 microns.

29. Method of claim 28 wherein said particles have a diameter of about 50 to about 200 microns.

30. Method of claim 21 wherein said particles have intraparticulate pores, said pores having dimensions effective to permit soft tissue to grow therein.

31. Method of claim 30 wherein said pores comprise between about zero and about 60 percent of said material.

32. Method of claim 31 wherein said pores comprise between about 40 and about 60 percent of said material.

33. Method of claim 30 wherein said pores have a size of less than about 100 microns.

34. Method of claim 33 wherein said pores have a size of between about 50 and about 100 microns.

35. Method of claim 21 wherein said particles have interstices therebetween, said interstices having dimensions effective to permit soft tissue to grow therein.

36. Method of claim 21 wherein said particles have an inner core comprised of a first biologically-compatible polymeric material and an outer layer generally surrounding said inner core, said outer coating comprised of a second biologically-compatible polymeric material, said second polymeric material being hydrophilic and having a composition different from the composition of said first polymeric material.

37. Method of claim 36 further comprising a coating of calcium hydroxide on said outer layer.

38. Method of claim 36 wherein said first polymeric material is an acrylic polymer.

39. Method of claim 38 wherein said first polymeric material is polymethylmethacrylate.

40. Method of claim 36 wherein said second polymeric material is a polymeric hydroxyethylmethacrylate.

41. Implant material of claim 40 wherein said polymeric hydroxyethylmethacrylate comprises a copolymer of monomeric hydroxyethylmethacrylate and a cross-linking agent.

42. Method of claim 21 wherein the step of providing a biologically compatible implant material further comprises combining said particles with a matrix material.

43. Method of claim 42 wherein said matrix material comprises a volume of between about 30% and about 65% of the volume of said implant material.

44. Method of claim 43 wherein said matrix material comprises a volume of about 50% of the volume of said implant material.

45. Method of claim 42 wherein said matrix material is selected from the group consisting of sterile water, saline solution, adipose tissue, blood, glucose, hyaluronic acid, and collagen.

46. Method of claim 45 wherein said matrix material comprises collagen.

47. Method of claim 46 wherein said collagen comprises injectable collagen.

48. Method of claim 21 wherein the step of providing a biologically compatible implant material further comprises the step of combining said particles with at least one bioactive substance.

49. Method of claim 48 wherein the combining step includes grafting said at least one bioactive substance to said particles.